

IN THE CLAIMS

Listing of Claims

Claims 1-21 (Cancelled).

22. (Previously Presented) A base station apparatus that transmits a speech packet and a normal packet other than the speech packet on a packet channel, the base station apparatus comprising:

a detecting section that detects a type of a transmission packet; and

a delay section that adds a transmission delay to the speech packet transmitted on the packet channel to degrade quality of the speech packet when the detected type shows the speech packet, and that does not add a transmission delay to the normal packet transmitted on the packet channel to maintain quality of the normal packet when the detected type shows the normal packet, wherein:

the delay section adds the transmission delay to the speech packet according to a priority of a communication terminal apparatus receiving the speech packet and adds the transmission delay to the speech packet to be received in a communication terminal apparatus to which an amount of data exceeding a reference data amount is sent, the reference data amount being set per the priority.

23. (Previously Presented) The base station apparatus according to claim 22, wherein the reference data amount is set lower for a lower priority.

24. (Previously Presented) A base station apparatus that transmits a speech packet and a normal packet other than the speech packet on a packet channel, the base station apparatus comprising:

a detecting section that detects a type of transmission packet; and

a delay section that adds a transmission delay to the speech packet transmitted on the packet channel to degrade quality of the speech packet when the detected type shows the speech packet, and that does not add a transmission delay to the normal packet transmitted on the packet channel to maintain quality of the normal packet when the detected type shows the normal packet, wherein:

the detecting section detects the type based on a generation period of the transmission packet and detects the transmission packet generated in the generation period close to a speech packet encoding period, as the speech packet.

Claim 25 (Cancelled).

26. (Previously Presented) A transmission method in a base station apparatus that transmits a speech packet and a normal packet other than the speech packet on a packet channel, the transmission method comprising:

detecting a type of a transmission packet; and

adding a transmission delay to the speech packet transmitted on the packet channel to degrade the quality of the speech packet when the detected type shows the speech packet, and

adding no transmission delay to the normal packet transmitted on the packet channel to maintain the quality of the normal packet when the detected type shows the normal packet, wherein:

the step of adding adds the transmission delay to the speech packet according to a priority of a communication terminal apparatus receiving the speech packet and adds the transmission delay to the speech packet to be received in a communication terminal apparatus to which an amount of data exceeding a reference data amount is sent, the reference data amount being set per the priority.

27. (Previously Presented) A transmission method in a base station apparatus that transmits a speech packet and a normal packet other than the speech packet on a packet channel, the transmission method comprising:

detecting a type of a transmission packet; and

adding a transmission delay to the speech packet transmitted on the packet channel to degrade the quality of the speech packet when the detected type shows the speech packet, and adding no transmission delay to the normal packet transmitted on the packet channel to maintain the quality of the normal packet when the detected type shows the normal packet, wherein:

the step of detecting detects the type based on a generation period of the transmission packet and detects the transmission packet generated in the generation period close to a speech packet encoding period, as the speech packet.